

Work Order ID 147012

Wednesday, May 25, 2016 1:13:47 PM

147012

Page 1

Item ID: D139-1012-041

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: AW139 Cargo Net Assembly

Start Date: 5/25/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 6/30/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: DAS 13 Date: MAY 25 2016 Tooling: _____ Date: _____
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D139-1012-041	B

100

0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 32265
Manufacture as per Dwg
Possible supplier: TULMAR

0.00

1 **MAY 25 2016**

DAS
13
9-89

PARTS INCLUDED IN D139-1012-041:
QTY 4 D5256-041 ✓
QTY 2 D5256-3 ✓
QTY 6 D5289-041 ✓
QTY 1 D5289-043 ✓
QTY 1 D5289-045 ✓
QTY 1 D5289-047 ✓
QTY 1 D5366-041 ✓

Material release note is required.

Wednesday, May 25, 2016 1:13:47 PM

Page 1

147012

D139-1012-041

Required Qty: 1.00

Comments: IPP REV:A 16.03.29 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D139-1012-041P		Purchased	No				Each	0.0000		1			
D139-1012-041P													
AW139 Cargo Net Assembly													
D5295-1		Manufactured	No				Each	32.0000		4			DAS 13 9-89
D5295-1													
Ring													
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST161			32						
				145150			32						
D5296-3		Manufactured	No				Each	0.0000		4			DAS 13 9-89
D5296-3 B145152													
2" O/C Buckle													
D5298-1		Manufactured	No				Each	0.0000		8			DAS 13 9-89
D5298-1 B145153													
2" Twisted Snap Hook													
D5294-1		Manufactured	No				Each	0.0000		6			DAS 13 9-89
D5294-1 B145149													
1" Snap Hook													
D5296-1		Manufactured	No				Each	0.0000		6			DAS 13 9-89
D5296-1 B145151													
1" O/C Buckle													
D5297-1		Manufactured	No				Each	0.0000		6			DAS 13 9-89
D5297-1													
Buckle, Male													
D5297-3		Manufactured	No				Each	0.0000		6			DAS 13 9-89
D5297-3													
Buckle, Female													



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32265

Purchase Order Date 5/5/2016 10:30:27 AM
PO Print Date 6/21/2016

Page Number 4 of 8

Order From :

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

VC-TUL001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613 632 1282

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

4	D139-1012-041P	✓	AW139 Cargo Net Assembly	6/30/2016	FN	1.00	\$1,710.00	\$1,710.00
				Yes		Each		
				6/30/2016				

AS PER DWG D139-1012-041 REV. B
B147012 ✓

PARTS INCLUDED IN D139-1012-041:

4 X D5256-041

2 X D5256-3

6 X D5289-041

1 X D5289-043

1 X D5289-045

1 X D5289-047

1 X D5366-041

\$150.00 added per net for cost of new buckles

SP/6-7-6.

Line Total:

\$1,710.00

PO Instructions: NOTE: SUPPLIER TO PURCHASE RAW MATERIALS AS PER DRWG
Supplier may purchase raw materials as described in the drawing. Supplier is not required to provide FAR test reports or certification. FR clause removed
"Product made to the drawing, except for 1" and 2" Red webbings not certified to FAR.29.853a3"

Note:

6/21/2016

PACKING SLIP

TULMAR

Packing Slip No. Page

57733 1

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Ship Date
6/29/2016

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7
Canada

Order number 33869	Sales order date 5/5/2016	Account number CDART100	Loc H	Account manager Francine Bigras
PO number PO32265 - REVISED	Ship via Pick-Up	Shipping Terms FOB HAWKESBURY		
Item No. Description	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order

Line 24 = QA Clauses

A004, A005, A007, A016, A026, A040,
A041, A043 (TSS only 5yrs)

*Note: Supplier to purchase raw material
as per Dwg - Supplier is not required to
provide FAR test reports or
certification. FR Clause removed.

PO Rev 6/1/16 added note: "Product made
to the drawing, except for 1" and 2" Red
webbings not certified to FAR.29.853a3".

87249-001	5.00	EA	5.00
-----------	------	----	------

Cargo Net, AW 139

Drawing No: D139-1012-041

DWG Rev: B

Lines 1, 2, 3, 4, 5, 23

SF 40169 --> 40170-76

Certification includes to

Drawing D5289+MU Rev. B+1 Sheet.

Lot no.: BATCH0000000002	5.00
--------------------------	------

1K SP16-76.

Certificate of Conformance

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.
If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

Francine Bigras

Date:

JUN 30 2016

May 20, 2016

Tulmar Safety Systems
1123 Cameron Street
Hawkesbury, ON K6A 2B8
CANADA



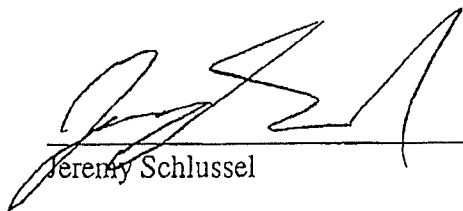
Problem Shared.
Problem Solved.™

168 Doughty Blvd.
Inwood, NY 11096
USA

Certificate of Conformance

Part Number	1753-001
Style	TP21J
Color	Black
PO	30129-00
Yardage	130 yds.
Lot Number	F23872

This is to certify that the material listed above was tested and passed FAR25.853.


Jeremy Schlusel

Quality Control Specialist

JS:db

C/C's used to mfg.

Cargo Net, AW139

D139-1012-041 Rev.B.

1753-001
B #1

MAY 31 2016



Louise LaLiberté June 29/16
(24g:5)

TULMAR**Certificate of Conformance**

Tulmar P/N 32019-001	Description K4 white 1375" label Black Thermal Ink, mono Fitness 302, 2360mmT & H3111	Dwg. #	Revision 1/1	Qty. 1/1
Tulmar PO # 36439	Line Item # 15178	Supplier Name / Address Aviv Design Services 15178 Collections Center Drive Chicago, IL 60695	Supplier Packing Slip # AVV 8636435	

Supplier Declarations:

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods: Japan		If YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	Definition: If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☒ NO ☐ If YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com
Expiry date	Definition: Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

Additional Information (MRS#, MRA#, limitations, etc...):

Shelf life is two years from date of manufacture.

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature 	Name Bethany Covey	Date (DD-MMM-YYYY) 22-NOV-2013
Title QC Manager	Email bethany.covey@tulmar.com	Phone # 628-758-2338 x436

Form Revision 13 Aug 2012

22019-001/08



CERTIFICATE

Number: 237437-7596

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

06/02/16

Qualified Lab - List No. 1935

Customer	TULMAR SAFETY SYSTEMS	Memo No.	431476
Purchase Order No.	30196-00	Shipment	
Specifications	MIL-W-4088K TYPE VIIIB CL.1	Shipped Via	FEDX PRIORITY 1
Contract No.	LOT #9C8905 DOM:04/16 UV, MOULD, FUNGUS RESISTANT	MEETS (A) (I) (V)	
BALLY RIBBON MILLS	938102000BKET	Quantity	108 YD
Pattern No.	9381-2" BLACK FLAME RESIST. TREATED NYL.	Lot Quantity	1247 YDS

CERTIFICATE OF CONFORMANCE

I CERTIFY THAT THIS PATTERN CONFORMS WITH THE PHYSICAL, CHEMICAL AND VISUAL QUALITY REQUIREMENTS OF THE MILITARY SPECIFICATIONS LISTED ABOVE AND THE FAR 25.853(A) APPENDIX F, PART 1, SUBSECTION (A) (1) (II) FLAMMABILITY REQUIREMENTS PER FEDERAL STD. 191, METHOD 5903. NOTE: THIS CERT IS FOR BRM TESTING ONLY AND DOES NOT INDICATE FAA ACCEPTANCE.

Jerome Richards, Quality Assurance Manager



2227-002

B#1

JUN 07 2016



LAB REPORT

PAGE: 1

Number: 237437-5117

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

06/02/16

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS

Purchase Order No. 30196-00

Shipped Via FEDX PRIORITY 1

Specifications MIL-W-4088K TYPE VIIIB CL.1
Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 04/16 LOT: 9C2905

Memo No. 431476
Shipped Qty 108 YD

BALLY RIBBON MILLS 938102000BKFT Lot Qty 1247
Pattern No. 9381-2" BLACK FLAME RESIST. TREATED NYL.WEBBING

.....TESTS..... *.....TEST RESULTS.....* AVERAGE *....REQUIREMENT....* METHOD

FAR 25.853 (a) APPENDIX F
PART 1 SUBSECTION (a) (1) (II),
CHARLENGTH: 1 1/4" 1 3/8" 1 5/16" : 8" MAX
BURN TIME : 5.2S 8.2S 5.6S : 15 SEC MAX
FLAMEDRIPPS: 0 0 0 : 5 SEC MAX
S/E : Y Y Y : S/E
FAR 29.853, (a) (1) (V)
BURN RATE 0 0 0 4"/MIN MAX

WIDTH	2.031	2	1.968	2.015	1.984	1.9996	2" +/-1/16"	5020
	2	2	1.968	1.984	2	1.9904		
	2.031	2.015	2	2	2.015	2.0122		
THICKNESS	.052	.052	.053	.053	.053	.0526	.040" TO .070"	5030
	.053	.052	.052	.053	.052	.0524		
	.052	.053	.053	.052	.052	.0524		
WEIGHT	1.67	1.676	1.679	1.674	1.676	1.675	1.80 OZ/YD MAXIMUM	5041
	1.676	1.674	1.678	1.674	1.67	1.6744		
	1.674	1.676	1.671	1.676	1.674	1.6742		
FACE AND BACK WARP ENDS	192	192	192	192	192	192	192 ENDS MINIMUM	5050
	192	192	192	192	192	192		
	192	192	192	192	192	192		
840 DENIER NYLON, 2 PLY, BRT HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6								
GROUND YARN DENIER	840	840				840	840 DENIER	4021 1/
	840	840				840		
	840	840				840		
GROUND YARN TWIST/INCH	2.5	2.5				2.5	2 1/2 TPI MINIMUM	4054 2/
	2.5	2.5				2.5		
	2.5	2.5				2.5		
GROUND YARN PLY	2	2				2	2 PLY	VISUAL
	2	2				2		
	2	2				2		
PICKS PER INCH	18	18	18	18	18	18	18 PICKS MINIMUM	5050
	18	18	18	18	18	18		
	18	18	18	18	18	18		
840 DENIER NYLON, 2 PLY, BRT HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6								
FILL YARN DENIER	840	840				840	840 DENIER	4021 1/
	840	840				840		
	840	840				840		
FILL YARN TWIST/INCH	2.5	2.5				2.5	2 1/2 TPI MINIMUM	3.3.1.2
	2.5	2.5				2.5		
	2.5	2.5				2.5		

Continued on Next Page



LAB REPORT

PAGE: .2

Number: 237437-5117

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

06/02/16

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS

Purchase Order No. 30196-00

Shipped Via FEDX PRIORITY 1

Specifications MIL-W-4088K TYPE VIIIB CL.1
Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 04/16 LOT: 9C8905

Memo No. 431476
Shipped Qty 108 YD

BALLY RIBBON MILLS 938102000BKFT Lot Qty 1247
Pattern No. 9381-2" BLACK FLAME RESIST. TREATED NYL.WEBBING

.....T E S T S.....		*.....T E S T R E S U L T S.....*					AVERAGE	*---REQUIREMENT---	METHOD
FILL YARN PLY	2	2				2	2 PLY		VISUAL
	2	2				2			
	2	2				2			
BREAKING STRENGTH	5464	5743	5831	5744	5569	5670.2	4500 LBS MINIMUM	4108	
	5376	5763	5504	5642	5649	5586.8			
	5744	5669	5591	5718	5595	5663.4			
WEAVE	PASS						PASS OR FAIL		VISUAL
WEAVE	PASS						PASS OR FAIL		VISUAL
WEAVE	PASS						PASS OR FAIL		VISUAL
WEAVE	TWO UP, TWO DOWN HERRINGBONE TWILL						PASS OR FAIL		VISUAL
	W/ONE CENTER REVERSAL								
COLORFASTNESS/WET CROCK	5					5	3.5 MINIMUM RATING	5651	
	5					5			
	5					5			
COLORFASTNESS/DRY CROCK	5					5	3.5 MINIMUM RATING	5651	
	5					5			
	5					5			
COLORFASTNESS/LIGHT(FADE)	GOOD						GOOD	5660	
COLORFASTNESS/LIGHT(FADE)	GOOD						GOOD	5660	
COLORFASTNESS/LIGHT(FADE)	GOOD						GOOD	5660	
COLORFASTNESS/LIGHT(FADE)	XENON						GOOD	5660	
COLORFASTNESS/LAUNDERING	FAIR						FAIR	5614 2/	
COLORFASTNESS/LAUNDERING	FAIR						FAIR	5614 2/	
COLORFASTNESS/LAUNDERING	FAIR						FAIR	5614 2/	
CURVATURE	.156	.107	.107	.125	.218	.1746	.25" MAXIMUM	4.5.1	
	.218	.0937	.218	.0937	.156	.1559			
	.156	.0937	.125	.125	.0937	.1187			
PH	6.49	6.49				6.49	5.0 TO 8.5	2811	
	6.14	6.14				6.14			
	6.38	6.38				6.38			
NYLON YARN	PASS						PASS OR FAIL	3.3.1	
NYLON YARN	PASS						PASS OR FAIL	3.3.1	
NYLON YARN	PASS						PASS OR FAIL	3.3.1	
NON BLEACHING	NONE						NONE	3.3.1	
NON BLEACHING	NONE						NONE	3.3.1	
NON BLEACHING	NONE						NONE	3.3.1	
NYLON MELTING POINT	484	482				483		1534	
	482	484				483			
	484	482				483			



LAB REPORT

PAGE: 3

Number: 237437-5117

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

06/02/16

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS

Purchase Order No. 30196-00

Shipped Via FEDX PRIORITY 1

Specifications MIL-W-4088K TYPE VIIIB CL.1
Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 04/16 LOT: 9C8905

Memo No. 431476
Shipped Qty 108 YD

BALLY RIBBON MILLS 938102000BKET
Pattern No. 9381-2" BLACK FLAME RESIST. TREATED NYL.WEBBING

Lot Qty 1247

.....TESTS..... *.....TEST RESULTS.....* AVERAGE *....REQUIREMENT....* METHOD

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested.

JUN 07 2016



2227-002

3#1

Jerome Richards

Jerome Richards, Quality Assurance Manager

05/13/08
Qualified Lab
List No. 1935
(610)-845-2211

B A L L Y R I B B O N M I L L S

23 N. 7th Street
Bally, PA 19503

PAGE: 1

REPORT # 129125-6051

Customer	TULMAR SAFETY SYSTEMS	Shipped Via	UPS COLLECT
Purchase Order No.	14032-00	Memo No.	320861
Specifications	MIL-W-4088K TYPE XVII CLASS 1A P/N 2262-002	Shipped Qty	190 YD
Contract No.	UV, MOULD, FUNGUS RESISTANT DOM: 05/08 LOT: 993894	Lot Qty	212
BALLY RIBBON MILLS Pattern No.	4028-1" RED #31350 NYLON WEBBING		

-----TESTS-----						*-----TEST RESULTS-----*						AVERAGE	*---REQUIREMENT---		METHOD	
FAR 25.853 (a) APPENDIX F PART 1 SUBSECTION (a) (1) (II), CHARLENGTH: 27/32" 29/32" 27/32" : 8" MAX BURN TIME : 0 6.3S 0 : 15SEC MAX FLAMEDRIPPS : 0 0 0 : 5 SEC MAX S/E : Y Y Y : S/S																
WIDTH	1	1	1	1	1	1	1" +/-1/16"	5020								
	1	1	1	1	1	1										
THICKNESS	.066	.068	.069	.066	.069	.0676	.045" TO .070"	5030								
	.067	.067	.069	.066	.068	.0674										
WEIGHT	.977	.972	.972	.977	.977	.975	1.15 OZ/YD MAXIMUM	5041								
	.972	.972	.977	.977	.972	.974										
FACE AND BACK WARP ENDS	114	114	114	114	114	114	114 ENDS MINIMUM	5050								
	114	114	114	114	114	114										
840 DENIER NYLON, 2 PLY, BRT. HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6																
GROUND YARN DENIER	840	840				840	840 DENIER	4021 1/								
	840	840				840										
GROUND YARN TWIST/INCH	2.5	2.5				2.5	2 1/2 TPI MINIMUM	4054 2/								
	2.5	2.5				2.5										
GROUND YARN PLY	2	2				2	2 PLY	VISUAL								
	2	2				2										
PICKS PER INCH	32	32	33	33	32	32.4	30 PICKS MINIMUM	5050								
	32	33	33	32	32	32.4										
840 DENIER NYLON, 1 PLY, BRT. HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6 CATCHCORD - 70 DENIER BLACK POLYESTER																
FILL YARN DENIER	840	840				840	840 DENIER	4021 1/								
	840	840				840										
FILL YARN PLY	1	1				1	1 PLY	VISUAL								
	1	1				1										
BREAKING STRENGTH	3720	3860	3820	3800	3780	3796	2500 LBS. MINIMUM	4108								
	3760	3760	3720	3820	3780	3768										
WEAVE	PASS						PASS OR FAIL		VISUAL							
WEAVE	PASS						PASS OR FAIL		VISUAL							
WEAVE	TWO UP, TWO DOWN HERRINGBONE TWILL W/ONE CENTER REVERSAL						PASS OR FAIL		VISUAL							
COLORFASTNESS/CROCKING	4					4	3.5 MINIMUM RATING	5651								
	4					4										

Continued on Next Page

05/13/08
Qualified Lab
List No. 1935
(610)-845-2211

B A L L Y R I B B O N M I L L S

PAGE: 2

23 N. 7th Street
Bally, PA 19503

REPORT # 129125-6051

Customer TULMAR SAFETY SYSTEMS
Purchase Order No. 14032-00 Shipped Via UPS COLLECT
Specifications MIL-W-4088K TYPE XVII CLASS 1A Memo No. 320861
Contract No. UV, MOULD, FUNGUS RESISTANT Shipped Qty 190 YD
DOM: 05/08 LOT: 993894
BALLY RIBBON MILLS Lot Qty 212
Pattern No. 4028-1" RED #31350 NYLON WEBBING

-----TESTS-----		*-----TEST RESULTS-----*						AVERAGE	*---REQUIREMENT---	METHOD
COLORFASTNESS/LIGHT	GOOD								GOOD	5660
COLORFASTNESS/LIGHT	GOOD								GOOD	5660
COLORFASTNESS/LAUNDERING	FAIR								FAIR	5614 2/
COLORFASTNESS/LAUNDERING	FAIR								FAIR	5614 2/
CURVATURE		.125	.093	.125	.156	.125	.1248	.25" MAXIMUM		4.5.1
		.093	.093	.125	.125	.156	.1184			
PH		6.4	6.4				6.4	5.0 TO 8.5		2811
		6.4	6.4				6.4			
NYLON YARN	PASS							PASS OR FAIL		3.3.1
NYLON YARN	PASS							PASS OR FAIL		3.3.1
NYLON MELTING POINT		484	482				483			1534
		482	484				483			
NON BLEACHING	NONE							NONE		3.4.3 1/
NON BLEACHING	NONE							NONE		3.4.3 1/

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested.

Jerome Richards
Jerome Richards, Quality Control Manager

Qualified Lab
List No. 1935
(610)-845-2211

B A L L Y R I B B O N M I L L S

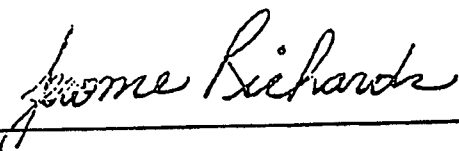
23 N. 7th Street
Bally, PA 19503

05/13/08

Customer	TULMAR SAFETY SYSTEMS	Shipment	
Purchase Order No.	14032-00	Shipped Via	UPS COLLECT
Specifications	MIL-W-4088K TYPE XVII CLASS 1A P/N 2262-002	Memo No.	320861
Contract No.	UV, MOULD, FUNGUS RESISTANT LOT#993894 DOM:05/08	Quantity	190 YD
BALLY RIBBON MILLS Pattern No.	4028-1" RED #31350 NYLON WEBBING		

CERTIFICATE OF CONFORMANCE

I certify that this pattern conforms with the physical, chemical, and visual quality of the Military Specifications listed above.



JEROME RICHARDS
QUALITY ASSURANCE MANAGER


T22 # 2262-002/01



CERTIFICATE

Number: 228822-5349

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

03/07/16

Qualified Lab - List No. 1935

Customer	TULMAR SAFETY SYSTEMS	Memo No.	428469
Purchase Order No.	29841-00	Shipment	
Specifications	MIL-W-4088K CLASS 1 TYPE XVII COLOR CHIP #37030 P/N TSS2262B	Shipped Via	FEDEX ECONOMY
Contract No.	LOT #9C5759 DOM:08/15 UV, MOULD, FUNGUS RESISTANT	Quantity	700 YD
BALLY RIBBON MILLS	894101000BK	Lot Quantity	1480 YDS
Pattern No.	8941-1" BLACK NYLON WEBBING		

CERTIFICATE OF CONFORMANCE

I CERTIFY THAT THIS PATTERN CONFORMS WITH THE PHYSICAL, CHEMICAL AND VISUAL QUALITY REQUIREMENTS OF THE MILITARY SPECIFICATIONS LISTED ABOVE AND THE FAR 25.853(A), APPENDIX F, PART 1, SUBSECTION (A) (1) (IV).

NOTE: THIS CERT IS FOR BRM TESTING ONLY AND DOES NOT INDICATE FAA ACCEPTANCE.

Jerome Richards, Quality Assurance Manager

MAR 31 2016

2262-B
B#19





LAB REPORT

PAGE: 1

Number: 228822-2256

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

03/07/16

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS
Purchase Order No. 29841-00
Specifications MIL-W-4088K CLASS 1 TYPE XVII
COLOR CHIP #37030 P/N TSS2262B
Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 08/15 LOT: 9C5759
BALLY RIBBON MILLS 894101000BK
Pattern No. 8941-1" BLACK NYLON WEBBING

Shipped Via FEDEX ECONOMY
Memo No. 428469
Shipped Qty 700 YD
Lot Qty 1480

-----TESTS----- *-----TEST RESULTS-----* AVERAGE *---REQUIREMENT---* METHOD

FAR 25.853 (a) APPENDIX F
PART 1 SUBSECTION (a) (1) (IV),
BURN RATE 0 0 0 2 1/2" / 1 MIN MAX

WIDTH	.984 .968 .968	.968 .953 1	.968 .968 1	1 .968 .984	.984 .984 .968	.9808 .9682 .984	1" +/- 1/16"	5020
THICKNESS	.058 .062 .06	.062 .059 .06	.065 .066 .059	.066 .067 .064	.065 .062 .061	.0632 .0632 .0608	.045" TO .070"	5030
WEIGHT	.934 .956 .954	.959 .96 .958	.954 .938 .961	.959 .954 .959	.938 .934 .954	.9488 .9484 .9572	1.15 OZ/YD MAXIMUM	5041
FACE AND BACK WARP ENDS	114 114 114	114 114 114	114 114 114	114 114 114	114 114 114	114 114 114	114 ENDS MINIMUM	5050
840 DENIER NYLON, 2 PLY, BRT HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6								
GROUND YARN DENIER	840 840 840	840 840 840				840 840 840	840 DENIER	4021 1/
GROUND YARN TWIST/INCH	2.5 2.5 2.5	2.5 2.5 2.5				2.5 2.5 2.5	2 1/2 TPI MINIMUM	4054 2/
GROUND YARN PLY	2 2 2	2 2 2				2 2 2	2 PLY	VISUAL
PICKS PER INCH	16.5 17 17.5	16.5 17 16.5	17 17 17.5	17 16.5 17	17.5 17.5 16.5	16.9 17 17	15 PICKS MINIMUM	5050
840 DENIER NYLON, 2 PLY, BRT HIGH TENACITY HEAT & LIGHT RESISTANT, NYLON 6.6								
FILL YARN DENIER	840 840 840	840 840 840				840 840 840	840 DENIER	4021 1/
FILL YARN PLY	2 2 2	2 2 2				2 2 2	2 PLY	VISUAL
BREAKING STRENGTH	3184 3601 3469	3640 3553 3674	3070 3404 3454	3557 3195 3273	3557 3219 3551	3401.6 3394.4 3484.2	2500 LBS MINIMUM	4108

Continued on Next Page



LAB REPORT

PAGE: 2

Number: 228822-2256

Bally Ribbon Mills
23 North 7th St. Bally PA 19503
p 610.845.2211 f 610.845.8013

03/07/16

Qualified Lab - List No. 1935

Customer TULMAR SAFETY SYSTEMS

Purchase Order No. 29841-00

Shipped Via FEDEX ECONOMY

Specifications MIL-W-4088K CLASS 1 TYPE XVII
COLOR CHIP #37030 P/N TSS2262B
Contract No. UV, MOULD, FUNGUS RESISTANT
DOM: 08/15 LOT: 9C5759

Memo No. 428469

Shipped Qty 700 YD

BALLY RIBBON MILLS 894101000BK
Pattern No. 8941-1" BLACK NYLON WEBBING

Lot Qty 1480

-----TESTS----- *-----TEST RESULTS-----*

AVERAGE *---REQUIREMENT---* METHOD

WEAVE PASS
WEAVE PASS
WEAVE PASS
WEAVE TWO UP, TWO DOWN HERRINGBONE TWILL
W/ONE CENTER REVERSAL

PASS OR FAIL VISUAL
PASS OR FAIL VISUAL
PASS OR FAIL VISUAL
PASS OR FAIL VISUAL

COLORFASTNESS/WET CROCK

5
5
5

5 3.5 MINIMUM RATING 5651
5
5

COLORFASTNESS/DRY CROCK

5
5
5

5 3.5 MINIMUM RATING 5651
5
5

COLORFASTNESS/LIGHT(FADE) GOOD
COLORFASTNESS/LIGHT(FADE) GOOD
COLORFASTNESS/LIGHT(FADE) GOOD
COLORFASTNESS/LIGHT(FADE) XENON

GOOD 5660
GOOD 5660
GOOD 5660
GOOD 5660

COLORFASTNESS/LAUNDERING FAIR
COLORFASTNESS/LAUNDERING FAIR
COLORFASTNESS/LAUNDERING FAIR

FAIR 5614 2/
FAIR 5614 2/
FAIR 5614 2/

CURVATURE

.156 .125 .125 .156 .218
.125 .156 .187 .25 .156
.125 .156 .093 .125 .156

.156 .25* MAXIMUM 4.5.1
.1748
.131

PH

6.01 6.01
5.86 5.86
5.89 5.89

6.01 5.0 TO 8.5 2811
5.86
5.89

NYLON YARN PASS
NYLON YARN PASS
NYLON YARN PASS

PASS OR FAIL 3.3.1
PASS OR FAIL 3.3.1
PASS OR FAIL 3.3.1

NON BLEACHING NONE
NON BLEACHING NONE
NON BLEACHING NONE

NONE 3.3.1
NONE 3.3.1
NONE 3.3.1

NYLON MELTING POINT

484 482
482 484
484 482

483 1534
483
483

I certify that the above tests were performed under my supervision in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested.

MAR 31 2016



2262-B
B#19

Jerome Richards
Jerome Richards, Quality Assurance Manager



cansew inc.

formerly / anciennement
Canadian Sewing Supply Ltd. / Ltée - established / établie 1924

Manufacturers of sewing threads. / Wholesalers of elastics, Velcro, tapes, trimmings.
Fabricants de fils à coudre. / Grossistes d'élastiques, Velcro, galons, garnitures.

10 May 2010

Tulmar Safety Systems
1123 Cameron Street
Hawksbury, Ontario
K6A 2B8

Att. Sandra Nadeau

CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by CANSEW INC. on 10 May 2010, has been produced in accordance with the conditions set forth in Purchase Order no. 17817-00 of the same day:

-Bonded Nylon CB138 tex 135 - 10.40 lb. colour black, lot # 188476

The product meets the requirements of specification V-T-295, Type 2, Class A, Size FF.

Yours truly,

Hershie Schachter
CANSEW INC.

MONTRÉAL - Head Office/Siège social
111 Chabanel W / O H2N 1C9
Administration (514) 382-2807
Commandes/Orders (514) 382-2801
1-800-361-7722
FAX: (514) 385-5530

TORONTO
28 Apex Rd. M6A 2V2
(416) 782-1122
1-800-367-8584
FAX: (416) 782-8358

WINNIPEG
1674 Church Ave R2X 2W9
(204) 942-4264
1-800-665-0701
FAX: (204) 947-9280

CALGARY
3932 - 29th St. N.E. T1Y 6B6
(403) 291-4494
1-800-667-4197
FAX: (403) 291-5139

VANCOUVER
1615 Venables St. V5L 2H1
(604) 682-4341
1-800-580-0737
FAX: (604) 682-4196

info@cansew.ca

www.cansew.ca

TS 2547/05

ACW CANADA

1192 Kingston Road Pickering, Ontario, Canada L1V 1B4
Toll Free: 1-800-545-9751 Local: 905-839-2247 Fax: 905-839-2336
www.acwcanada.ca

MEAGAN BOCKING
TULMAR SAFETY SYSTEMS
1123 CAMERON STREET
HAWKESBURY, ONTARIO
K6A 2B8

AUGUST 13. 2014

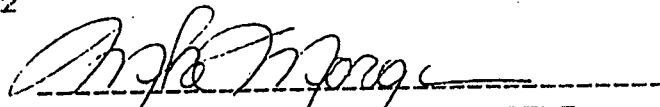
TO WHOM IT MAY CONCERN:

THIS CERTIFICATION COVERS SHIPMENT ON OUR INVOICE # 20285

DATED 08/13/2014 AGAINST YOUR ORDER # PO# 27600-00

MATERIAL SHIPPED AGAINST THIS INVOICE COMPLY WITH APPLICABLE
SPECIFICATIONS LISTED BELOW:

S/N 91596 PATT# CSR-1" BLACK, ACETAL SIDE RELEASE
BUCKLE. MATERIAL DOES NOT SUPPORT FUNGUS GROWTH.
COMPLIES WITH FAR SECTION 25.853 (A) APPENDIX F,
PART (A) (1) (IV). MIN.BREAK STRENGTH 230 LBS.
RETAINING CHARACTERISTICS OVER THE TEMPERATURE
RANGE -60 TO +160 DEGREES F.
TSS 4152



AUTHORIZED SIGNATURE AND TITLE

MIKE MORGAN
CANADIAN SALES MANAGER

TSS 4152 /12 (L)



Avery Juarez
Av. Adolfo Lopez Mateos 2455 | Col. Partido Iglesias | Cd. Juarez, Chih

CERTIFICATE OF CONFORMANCE

I certify that the article(s) shipped:

- Conform(s) to all applicable drawing dimensions and specifications.
- Meets all the requirements of your purchase order.

This includes all labels produced for

Customer: TULMAR

<u>Item No.</u>	<u>Item description</u>	<u>Order Number</u>	<u>Quantity</u>
10D011620	See below	PO: 29709-00	15 rolls

Ink, Thermal Transfer Ribbon black, 1^{1/2} wide, HS1111

Remarks: _____

Guillermo Ramirez

03/17/2016

Certifying Manager

DATE

MAR 18 2016



22019-500
B#39

Please insert your company letter head
& Complete address

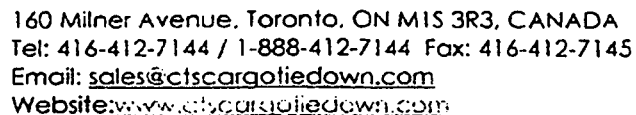
Certificate of Compliance

DATE: 2/21/08
OUR PROD. NO.: 208008307
CUSTOMER P/O NO.: 13776-01
CUSTOMER: Tulmar Safety Systems Inc.
PRODUCT: Tinted Tape 4800WT 3/4"
QTY. SHIPPED: 5010 yds.
LOT NO.: N/A
MFG DATE: 2/19/08
ROLL NO.: N/A
SHELF LIFE: 1 year

We certify that the product,

was manufactured, inspected and Conforms to specifications
applicable to the product.

Signature: *Chris McHester*
Title: *Supervisor*



Certificate of Compliance – Hardware/Webbing

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. This report is applicable only to the sample or samples tested. Rework of this product may alter these results.

Design Factor

The design factor for tie downs shall be a minimum of 3.

Proof Test

Has been test to a minimum of one and one half (1.5) times the working load limit (WLL).

MAY 24 2016

22038-001

3#1





May 11, 2016

TULMAR SAFETY SYSTEMS
1123 CAMERON STREET
HAWKSBURY, ONTARIO
K6A 2B8

CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by Cansew Inc. on May 10, 2016, has been produced in accordance with the requirements of Purchase Order no. 30118-00 of the same date:

- NB CBB92 LB; Cansew Nylon - Qty 22.50 lbs, Colour: Black
LOT #: F78828

Description
Thread, Nylon, Twisted, Black, A-A-59826, TY2, CLA, Size F, CBB92, (Supercedes V-T-295)

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have include, the following substances:	Hexavalent Chromium: Cadmium: Beryllium; Nickel; Mercury; Lead; Asbesotos; Radioactive elements YES NO •
Country of Origin of Goods: USA		
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shlf-life there is no effect on final product.	These items have limited Shelf-Life YES NO •
Expiry date	<u>Definition:</u> Date after which performance will no longer bc as intended - expiration is transferred to the final product.	These items have expiry date YES NO •

Yours truly,

Richard Doré
Sales Manager

MONTREAL
111 Chabanel W. H2N 1C9
Tel. (514) 382-2801
1-800-361-7722
Fax: (514) 385-5530
E-mail: info@cansew.ca
www.cansew.ca

TORONTO
28 Apex Rd. M6A 2V2
(416)782-1122
1-800-387-8584
(416)782-8358
info@cansew.ca

WINNIPEG
1674 Church Ave. R2X 2W9
(204)942-4264
1-800-665-0701
(204)947-9280
info@cansew.ca

CALGARY
3932-29th St. N.E. T1Y 6B6
(403)291-4494
1-800-667-4197
(403)291-5139
info@cansew.ca

VANCOUVER
1217 East Georgia St. V6A 2A9
(604)682-4341
1-800-580-0737
(604)682-4196
info@cansew.ca

TSS 2530 B/55



cansew inc.

formerly / anciennement
Canadian Sewing Supply Ltd. / Liée - established / établie 1924

Manufacturers of sewing threads. / Wholesalers of elastics, Velcro, tapes, trimmings.
Fabricants de fils à coudre. / Grossistes d'élastiques, Velcro, galons, garnitures.

10 May 2010

Tulmar Safety Systems
1123 Cameron Street
Hawksbury, Ontario
K6A 2B8

Attn. Sandra Nadeau

CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by CANSEW INC. on 10 May 2010, has been produced in accordance with the conditions set forth in Purchase Order no. 17817-00 of the same day:

-Bonded Nylon CB138 tex 135 - 10.40 lb, colour black, lot # 188476

The product meets the requirements of specification V-T-295, Type 2, Class A, Size FF.

Yours truly,

Hershie Schachter
CANSEW INC.

MONTREAL - Head Office/Siège social
111 Chabanel W / O. H2N 1C9
Administration (514) 382-2807
Commandes/Orders (514) 382-2801
1-800-361-7722
FAX: (514) 385-5530

TORONTO
28 Apex Rd. M6A 2V2
(416) 782-1122
1-800-387-8584
FAX: (416) 782-8358

WINNIPEG
1674 Church Ave R2X 2W9
(204) 942-4254
1-800-665-0701
FAX: (204) 947-9280

CALGARY
3932 - 29th St. N.E. T1Y 6B6
(403) 291-4494
1-800-667-4197
FAX: (403) 291-5139

VANCOUVER
1615 Venables St. V5L 2H1
(604) 682-4341
1-800-580-0737
FAX: (604) 682-4196

info@cansew.ca

www.cansew.ca

TS 2547/05